GB

Stereo Radio
Art.No.: R AN..514..
R AN..914..

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Safety instructions

Caution! Electrical devices may only be installed and fitted by electrically skilled persons.

Non-compliance with the installation information could cause damage to the device, fire or other hazards.

Danger of electric shock. Before working on the device, disconnect the power or load and switch off the circuit breakers.

Danger of electric shock. Loudspeaker connections and power supply may not be wired in one socket.

These instructions are a component part of the product and must remain with the end customer.

Structure of the device

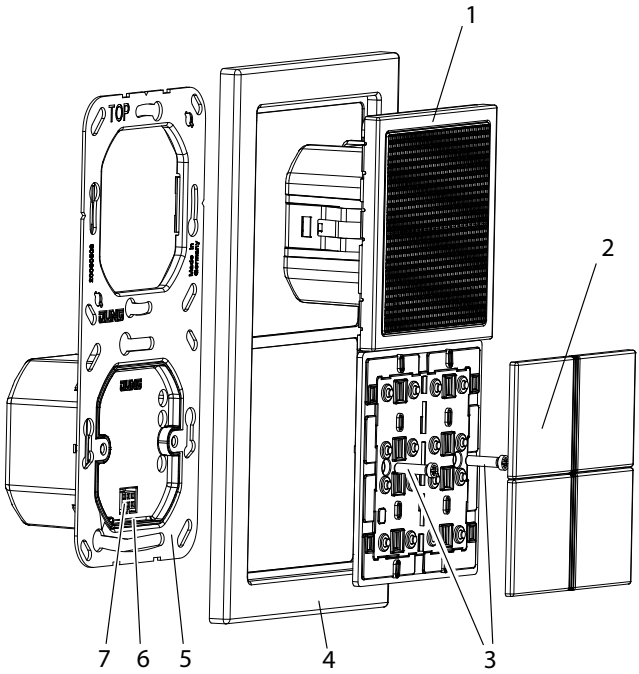

Figure 1: Structure of the radio device

1. Radio
2. Button set
3. Plastic screws
4. Frames
5. Supporting ring with power supply
6. Lever
7. Power supply interface

Function

Correct use

- Installation in two concealed appliance boxes according to DIN EN 49073 (recommendation: deep boxes).
- VHF reception in the frequency range 87.5 MHz to 108 MHz

Product characteristics

- Stereo reception
- Connection terminal for additional external loudspeaker (right stereo channel)
- Automatic recognition of the second loudspeaker
- Automatic switching from mono to stereo operation when there is sufficient signal strength and a second loudspeaker is connected
- Simple operation with additional feedback LED
  - Blue LED lit up: operational display
  - Blue LED flashing: Sleep mode active
  - Red LED lit up: favourite channel
- High-quality sound and large loudspeaker dynamics
- Optimised acoustics through the use of a base reflex tube
- Integrated VHF aerial
- High reception quality
- Automatic and manual channel search
- Non-volatile storage of 4 favourite channels (saved channels remain stored when power supply fails)
- Switch on with most recent channel and saved volume
- Sleep mode (switch-off after approx. 30 minutes)
- Switching on/off possible via extension connection together with the room lighting
- Switching on/off via potential-free contact A/B (e.g. switch or timer switch with potential-free contact).

Operation

Switching radio on/off

- Press button briefly
  Device switches on/off.
  The blue LED lights/switches off

i The most recently set channel will be called up with the most recently set volume.

Sleep mode

The radio is switched on.

- Press and hold button (approx. 3 seconds).
  The long press will be acknowledged with a sound.
  The blue LED flashes.
  The radio switches off after approx. 30 minutes.

Automatic channel search

- Press and hold the button's full surface (approx. 3 seconds).
  The long press will be acknowledged with a sound.
  The entire frequency range will be scanned and the four strongest channels saved (automatic memory assignment).

i Memory will be overwritten.

Manual channel search

Searching for channels in ascending/descending frequency.

- Press button briefly.
  The next channel will be selected.

Saving/overwriting favourite channel

The desired channel frequency is selected.

- Press and hold (approx. 3 seconds) 1, 2, 3 or 4 desired memory button
  The saving will be acknowledged with a sound.
  The channel frequency is saved.

i If the memory slot is already assigned, it will be overwritten with the frequency of the new channel.

Deselecting favourite channel

- Briefly press 1, 2, 3 or 4 memory button
  The associated red LED flashes
  The stored channel will be received.

Volume + **–**

The button sets the volume

- Press + button
  louder
- Press - button
  quieter

Information for electrically skilled persons

Installation and electrical connection

DANGER!
Touching live parts can result in an electric shock.

An electric shock can be fatal.

Before working on the device, disconnect the power and cover live parts in the area.

Installing and connecting radio

Installation in two concealed appliance boxes according to DIN EN 49073.

In the LS series the installation can also be performed x2 and x3 in surface caps.
The installation can be performed either vertically or horizontally.
Vertical installation: loudspeaker on top (Fig. 2) left
Horizontal installation: loudspeaker on left (Fig. 2) right

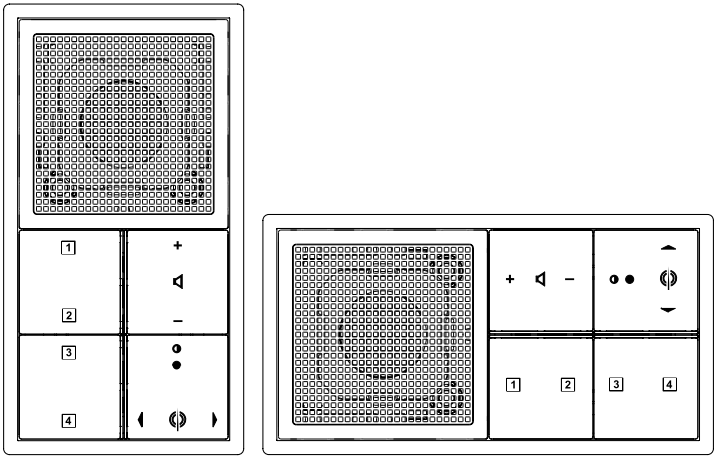

Figure 2: Vertical and horizontal installation

i For series A, CD and FD lever (6) position A, for series LS position B (Fig. 1).

Additional loudspeaker

Series A and CD: An additional loudspeaker must be fitted in a separate frame.
LS series: An additional loudspeaker can be fitted in the same frame or a separate one.
The cable length may not exceed 10 m.

i Longer cables lead to sound glitches and interference.

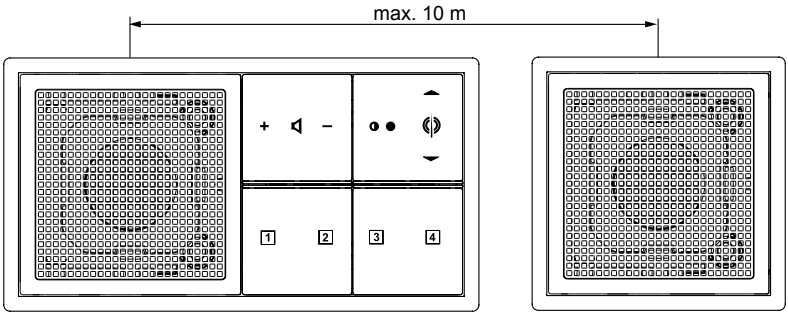

Figure 3: Additional loudspeaker fitted

- Power supply connection according to the circuit diagram (Fig. 4).
- Connection – and + on the radio (Fig. 5) to connect an additional loudspeaker on the right for stereo operation. Use the cable enclosed (l = 1.5 m).
- Connection A and B on radio (Fig. 5) for connection to a potential-free contact (e.g. switch or timer switch with potential-free contact).

- Attach the radio with the frame to the insert. Ensure contact with the power supply.
- Fasten radio to the supporting ring (3) with the enclosed plastic screws. Only tighten the plastic screws lightly.
- Snap on covers (2).

i The aerial is integrated.

DANGER!

When connecting the loudspeakers or potential-free contact and power supply wires to a shared device socket, the loudspeakers or potential-free contact cables may come into contact with mains voltage.

The safety of the entire radio installation will be endangered.

People can also receive an electrical shock at devices that have been disconnected.

Lay the loudspeaker or line out cables in separated device sockets in the additional insulation sleeves.

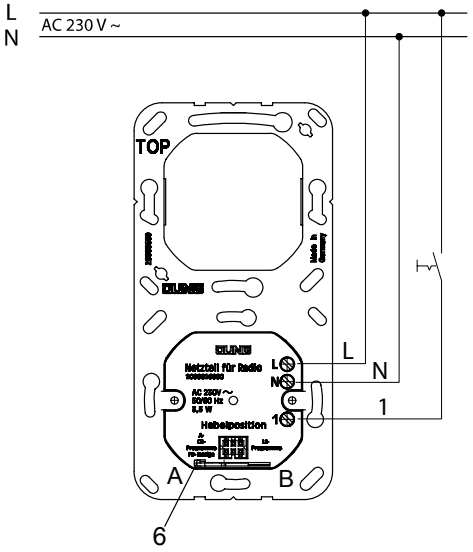

Figure 4: Power supply connection

L,N AC 230 V~ connection
1 extension connection

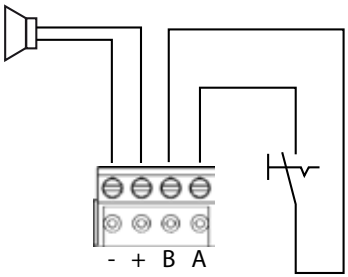

Figure 5: Connection of an external loudspeaker and potential-free contact

-/+ External right loudspeaker connection
A/B potential-free loudspeaker contact connection

Start-up

An automatic channel search takes place on the first start-up.
The entire frequency range will be scanned and the four strongest channels saved in memory slots 1 to 4.

Appendix

Technical data

Rated voltage: .....AC 230 V ~
Frequency: .....50/60 Hz
Ambient temperature: approx. .....0 … + 50 °C
Relative humidity: .....approx. 15 % … 90 %, no dew
Frequency range: .....87.50 MHz … 108.00 MHz
Protection class: .....IP 20
Separate loudspeaker connection cable .....Twin loudspeaker cable
..... H03VH-H, 2 x 0.75
..... Alternative: JY (st) Y 2x2x0.6 mm
Max. length: ..... 10 m
Connection: .....Screw terminals 1 x 2.5 mm² or 2 x 1.5 mm²

Warranty

We reserve the right to modify technical and formal characteristics of the product insofar as this supports technical progress.
Our products are under guarantee within the scope of the statutory provisions.
Please send the device, postage paid, to our central Customer Service Centre, with a description of the error.

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